

Form PTO-1449 (Rev. 8-88)	Attorney Docket No. IPJ01-001-US	Serial No. 10/753,972
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Applicant: Stepehn A Boppart, et al.	
	Filing Date: January 8, 2004	Group: 2878

U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A1	2004/0058458	3/2004	Anker, et al.			
	A2	2003/0068496	4/2003	Wei, et al.			
	A3	6,002,480	12/1999	Izatt, et al.			
	A4	6,344,272	2/2002	Oldenburg, et al.			
	A5	6,428,811	8/2002	West, et al.			
	A6	6,530,944	3/2003	West, et al.			
	A7	6,539,156	3/2003	Dickson, et al.			
	A8	6,514,767	2/2003	Natan			
	A9	6,529,277	3/2003	Weitekamp			
	A10	6,219,137	4/2001	Vo-Dinh			

Examiner Initial*	OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS	
	Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages	
	A11	Barton JK, Hoying JB, Sullivan CJ. Use of microbubbles as an optical coherence tomography contrast agent, Contrast Material Research Conference, Woodstock, VT (published in supplement to "Academic Radiology," Sept. 12-17, 1999).
	A12	Boppart SA, Bouma BE, Pitris C, Southern JF, Brezinski ME, Fujimoto JG. <i>In vivo</i> cellular optical coherence tomography imaging. Nature Med. 4:861-64, 1998.
	A13	Boppart SA, Bouma BE, Pitris C, Tearney GJ, Fujimoto JG. Forward-imaging instruments for optical coherence tomography. Opt. Lett. 22:1618-20, 1997.
	A14	Boppart SA, Bouma BE, Pitris C, Tearney GJ, Southern JF, Brezinski ME, Fujimoto JG. Intraoperative assessment of microsurgery with three-dimensional optical coherence tomography. Radiology. 208:81-86, 1998.
	A15	Boppart SA, Brezinski ME, Bouma BE, Tearney GJ, Fujimoto JG. Investigation of developing embryonic morphology using optical coherence tomography. Dev. Biol. 177:54-63, 1996.
	A16	Boppart SA, Brezinski ME, Pitris C, Fujimoto JG. Optical Coherence Tomography for Neurosurgical Imaging of Human Intracortical Melanoma. Neurosurgery 43:834-41, 1998.

Examiner	Date Considered
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

A17	Boppart SA, Brezinski ME, Tearney GJ, Bouma BE, Fujimoto JG. Imaging developing neural morphology using optical coherence tomography. <i>J. Neurosci. Meth.</i> 2112:65-72, 1996.
A18	Boppart SA, Tearney GJ, Bouma BE, Southern JF, Brezinski ME, Fujimoto JG. Noninvasive assessment of the developing <i>Xenopus</i> cardiovascular system using optical coherence tomography. <i>Proc. Natl. Acad. Sci. USA</i> 94:4256-61, 1997.
A19	Bouma BE, Tearney GJ, Boppart SA, Hee MR, Brezinski ME, Fujimoto JG. High resolution optical coherence tomographic imaging using a modelocked Ti:A1 ₂ O ₃ laser. <i>Opt. Lett.</i> 20:1486-88, 1995.
A20	Bouma BE, Tearney GJ, Compton CC, Nishioka NS. High-resolution imaging of the human esophagus and stomach <i>in vivo</i> using optical coherence tomography. <i>Gastrointest. Endosc.</i> 51:467-74, 2000.
A21	Brezinski ME, Tearney GJ, Bouma BE, Izatt JA, Hee MR, Swanson EA, Southern JF, Fujimoto JG. Optical coherence tomography for optical biopsy: properties and demonstration of vascular pathology. <i>Circulation</i> 93:1206-13, 1996.
A22	Bugaj JE, Achilefu S, Dorshow RB, Rajagopalan R. Novel fluorescent contrast agents for optical imaging of <i>in vivo</i> tumors based on a receptor-targeted dye-peptide conjugate platform, <i>J. Biomed. Opt.</i> 6:122-33, 2001.
A23	Chen Z, Milner TE, Srinivas S, Wang X. Noninvasive imaging of <i>in vivo</i> blood flow velocity using optical Doppler tomography. <i>Opt. Lett.</i> 22:1119-21, 1997.
A24	Christiansen C, Kryvi H, Sontum PC, Skotland T. Physical and biochemical characterization of Albunex, a new ultrasound contrast agent consisting of air-filled albumin microparticles suspended in a solution of human albumin. <i>Biotechnol. Appl. Biochem.</i> 19:307-20, 1994.
A25	Drexler W, Morgner U, Kartner FX, Pitris C, Boppart SA, Li X, Ippen EP, Fujimoto JG. <i>In vivo</i> ultrahigh resolution optical coherence tomography. <i>Opt. Lett.</i> 24:1221-23, 1999.
A26	Fujimoto JG, Brezinski ME, Tearney GJ, Boppart SA, Bouma BE, Hee MR, Southern IF, Swanson EA. Biomedical imaging and optical biopsy using optical coherence tomography. <i>Nature Medicine</i> 1:970-72, 1995.
A27	Hee MR, Izatt JA, Swanson EA, Huang D, Schuman JS, Lin CP, Puliafito CA, Fujimoto JG. Optical coherence tomography of the human retina. <i>Arch. Ophthalmol.</i> 113:325-32, 1995.
A28	Hirsch, L., et al., "A Whole Blood Immunoassay Using Gold Nanoshells", <i>Analytical Chemistry</i> , 75:2377-2381, 2003.
A29	Huang D, Swanson EA, Lin CP, Schuman JS, Stinson WG, Chang W, Hee MR, Flotte T, Gregory K, Puliafito CA, Fujimoto JG. Optical Coherence Tomography. <i>Science</i> 254:1178-81, 1991.
A30	Larson, D., et al., "Water-Soluble Quantum Dots for Multiphoton Fluorescence Imaging in Vivo", <i>Science</i> , 300:1434-1436, 2003.
A31	Lee RJ, Low PS. Delivery of Liposomes to Cultured KB Cells via Folate Receptor-Mediated Endocytosis. <i>J. Biol. Chem.</i> 269:3198-204, 1994.
A32	Pitris C, Goodman AK, Boppart SA, Libus JJ, Fujimoto JG, Brezinski ME. High resolution imaging of gynecological neoplasms using optical coherence tomography. <i>Obstet. Gynecol.</i> 93:135-39, 1999.
A33	Pitris C, Jesser C, Boppart SA, Stamper D, Brezinski ME, Fujimoto JG. Feasibility of optical coherence tomography for high resolution imaging of human gastrointestinal tract malignancies. <i>J. Gastroenterol.</i> 35:87-92, 1999.
A34	Puliafito CA, Hee MR, Lin CP, Reichel E, Schuman JS, Duker JS, Izatt JA, Swanson EA, Fujimoto JG. Imaging of macular disease with optical coherence tomography (OCT). <i>Ophthalmology</i> 102:217-29, 1995.
A35	Puliafito CA, Hee MR, Schuman JS, Fujimoto JG. <i>Optical Coherence Tomography of Ocular Diseases</i> . Slack, Inc, Thorofare, NJ, 1995.
A36	Schmitt JM, Knuttel A, Yablowsky M, Eckhaus AA. Optical coherence tomography of a dense tissue: statistics of attenuation and backscattering. <i>Phys. Med. Biol.</i> 39:1705-20, 1994.
A37	Schmitt JM, Yablowsky MJ, Bonner RF. Subsurface imaging of living skin with optical coherence microscopy. <i>Dermatology</i> 191:93-98, 1995.
A38	Sergeev AM, Gelikonov VM, Gelikonov GV, Feldchtein FI, Kuranov RV, Gladkova ND, Shakhova NM, Snopova LB, Shakov AV, Kuznetsova IA, Denisenko AN, Pochinko VV, Chumakov YP, Streltsova OS. <i>In vivo</i> endoscopic OCT imaging of precancer and cancer states of human mucosa. <i>Opt Express</i> 1:432-40, 1997.
A39	Sivak MV Jr, Kobayashi K, Izatt JA, Rollins AM, Ung-Runyawee R, Chak A, Wong RC, Isenberg GA, Willis J. High-resolution endoscopic imaging of the gastrointestinal tract using optical coherence tomography. <i>Gastrointest. Endosc.</i> 51:474-79, 2000.
A40	Sokolov, K., et al., "Real-Time Vital Optical Imaging of Precancer Using Anti-Epidermal Growth Factor Receptor Antibodies Conjugated to Gold Nanoparticles", <i>Cancer Res.</i> 63:1999-2004, 2003.
A41	Su MY, Muhler A, Lao X, Nalcioğlu O. Tumor characterization with dynamic contrast-enhanced MRI using MR contrast agents of various molecular weights, <i>Magn. Reson. Med.</i> 39:259-69, 1998.

	A42	Tearney GJ, Boppart SA, Bouma BE, Brezinski ME, Weissman NJ, Southern JF, Fujimoto 5G. Scanning single-mode fiber optic catheter-endoscope for optical coherence tomography. Opt. Lett. 21:1-3, 1996.
	A43	Tearney GJ, Bouma BE, Boppart SA, Golubovic B, Swanson EA, Fujimoto JG. Rapid acquisition of in vivo biological images using optical coherence tomography. Opt. Lett. 21:1408-10, 1996
	A44	Tearney GJ, Brezinski ME, Boppart SA, Bouma BE, Weissman N, Southern JF, Swanson EA, Fujimoto JG. Catheter-based optical imaging of a human coronary artery. Circulation 94:3013, 1996.
	A45	Tearney, GJ, et al., "In Vivo Endoscopic Optical Biopsy with Optical Coherence Tomography", Science, 276:2037-2039, 1997.
	A46	Tearney GJ, Brezinski ME, Southern JF, Bouma BE, Boppart SA, Fujimoto JG. Optical biopsy in human gastrointestinal tissue using optical coherence tomography. Amer. J. Gastroenterol. 92:1800-04, 1997.
	A47	Tearney GJ, Brezinski ME, Southern JF, Bouma BE, Boppart SA, Fujimoto JG. Optical biopsy in human urologic tissue using optical coherence tomography. J. Urol. 157:1915-19, 1997.
	A48	Tkachenko, A., et al., "Multifunctional Gold Nanoparticle-Peptide Complexes for Nuclear Targeting", J. Am. Chem. Soc., 125:4700-4701, 2003.
	A49	F. Toublan, et al., "Magnetically-inducible optical contrast agents for optical coherence tomography", presented at the Optical Society of America Biomedical Topical Meeting, Miami, FL, April 7-10, 2002.
	A50	Turkevich J, Stevenson PC, Hillier J. "A Study of the Nucleation and Growth Processes in the Synthesis of Colloidal Gold", Faraday Soc. 11:55-75, 1951.
	A51	Yazdanfar S, Kulkarni MD, Izatt JA. High resolution imaging of in vivo cardiac dynamics using color Doppler optical coherence tomography. Opt. Express. 1:424-31, 1997.